

#15

Sheet 1 of 2

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|--|----|-----------------|---|--|------------|---------------------------------|-------------------------------|
| Based on Form PTO-1449 (3/90) | | | | ATTY. DOCKET NO. 678503-2006.2 | | SERIAL NO. 09/612,852 | |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT Curiel et al. | | | |
| | | | | FILING DATE July 10, 2000 | | GROUP 1635 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| DL | AA | *5,770,442 | 06/23/98 | Wickham et al. | 435 | 520.7 | |
| | AB | *5,846,782 | 12/08/98 | Wickham et al. | 435 | 520.7 | |
| | AC | *5,877,011 | 03/02/99 | Armentano et al. | 435 | 720-1 | |
| | AD | *5,885,808 | 03/23/99 | Spooner et al. | 435 | 720-1 | |
| DW | AE | *6,057,155 | 05/02/00 | Wickham et al. | 435 | 725 | |
| | AF | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| DL | AJ | | *Gall et al., "Adenovirus Type 5 and 7 Capsid Chimera: Fiber Replacement Alters Receptor Tropism Without Affecting Primary Immune Neutralization Epitopes," <i>J. Virol.</i> , 70(4): 2116-2123, 1996 | | | | |
| | AK | | Bergelson, J. et al., "Isolation of a Common Receptor for Coxsackie B Viruses and Adenoviruses 2 and 5," <i>Science</i> , 275: 1320-23, 1997 | | | | |
| | AL | | Tomko, R. et al., "HCAR and MCAR: The human and mouse cellular receptors for subgroup C adenoviruses and group B coxsackieviruses," <i>Proc. Natl. Acad. Sci.</i> , 94: 3352-56, 1997 | | | | |
| | AM | | Krasnykh, V. et al., "Genetic Targeting of Adenoviral Vectors," <i>Molecular Therapy</i> , 1: 391-405, 2000 | | | | |
| | AN | | Wickham, T. et al., "Adenovirus targeted to heparan-containing receptors increases its gene delivery efficiency to multiple cell types," <i>Nat. Biotechnol.</i> , 14: 1570-73, 1996 | | | | |
| | AO | | Dmitriev, I. et al., "An Adenovirus Vector with Genetically Modified Fibers Demonstrates Expanded Tropism via Utilization of a Coxsackievirus and Adenovirus Receptor-Independent Cell Entry Mechanism," <i>J. Virol.</i> , 72: 9706-13, 1998 | | | | |
| | AP | | Vanderkwaak, T. et al., "An Advanced Generation of Adenoviral Vectors Selectively Enhances Gene Transfer for Ovarian Cancer Gene Therapy Approaches," <i>Gynec. Oncol.</i> , 74: 227-34, 1999 | | | | |
| | AQ | | Kasono, K. et al., "Selective Gene Delivery to Head and Neck Cancer Cells via an Integrin Targeted Adenoviral Vector," <i>Clinical Cancer Research</i> , 5: 2571-79, 1999 | | | | |
| DW | AR | | Hong, J. et al., "Domains Required for Assembly of Adenovirus Type 2 Fiber Trimers," <i>J. Virol.</i> , 70: 7071-78, 1996 | | | | |
| | AS | | Tao, Y. et al., "Structure of bacteriophage T4 fibrin: a segmented coiled coil and the role of the C-terminal domain," <i>Structure</i> , 5: 789-98, 1997 | | | | |
| EXAMINER B. N. H. | | | | DATE CONSIDERED 5/25/04 | | | |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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Curiel et al.

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------------------------|
| | AT | | | | | | |
| | AU | | | | | | |
| | AV | | | | | | |
| | AW | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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| | | | | | | | YES | NO |
| | AX | | | | | | | |
| | AY | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | | |
|----|----|--|--|
| PZ | AZ | | Letarov, A. et al., "The Carboxy-Terminal Domain Initiates Trimerization of Bacteriophage T4 Fibrin," <i>Biochemistry(Moscow)</i> , 64: 817-23, 1999 |
| | BA | | Douglas, J. et al., "A system for the propagation of adenoviral vectors with genetically modified receptor specificities," <i>Nat. Biotechnol.</i> , 17: 470-75, 1999 |
| | BB | | Krasnykh, V. et al., "Characterization of an Adenovirus Vector Containing a Heterologous Peptide Epitope in the HI Loop of the Fiber Knob," <i>J. Virol.</i> , 72: 1844-52, 1998 |
| | BC | | Von Seggern, D. et al., "Complementation of a fibre mutant adenovirus by packaging cell lines stably expressing the adenovirus type 5 fibre protein," <i>J. Gen. Virol.</i> , 79: 1461-68, 1998 |
| | BD | | Legrand, V. et al., "Fiberless Recombinant Adenoviruses: Virus Maturation and Infectivity in the Absence of Fiber," <i>J. Virol.</i> , 73: 907-19, 1999 |
| | BE | | Davison, E. et al., "The Human HLA-A *0201 Allele, Expressed in Hamster Cells, Is Not a High-Affinity Receptor for Adenovirus Type 5 Fiber," <i>J. Virol.</i> , 73: 4513-17, 1999 |
| | BF | | Lindner, P. et al., "Specific Detection of His-Tagged Proteins with Recombinant Anti-His Tag scFv-Phosphatase or scFv-Phage Fusions," <i>BioTechniques</i> , 22: 140-49, 1997 |
| | BG | | Miroshnikov, K. et al., "Engineering trimeric fibrous proteins based on bacteriophage T4 adhesins," <i>Protein Eng.</i> , 11: 329-32, 1998 |
| | BH | | Efimov, V. et al., "Bacteriophage T4 as a Surface Display Vector," <i>Virus Genes</i> , 10: 173-77, 1995 |
| | BI | | Gahery-Segard, H. et al., "Immune Response to Recombinant Capsid Proteins of Adenovirus in Humans: Antifiber and Anti-Penton Base Antibodies Have a Synergistic Effect on Neutralizing Activity," <i>J. Virol.</i> , 72: 2388-97, 1998 |
| DC | BJ | | Krasnykh, V. et al., "Generation of Recombinant Adenovirus Vectors with Modified Fibers for Altering Viral Tropism," <i>J. Virol.</i> , 70: 6839-46, 1996 |
| | BK | | |
| | BL | | |
| | BM | | |

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DATE CONSIDERED

Dina N. H. H.

5/25/04

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